

524934

PCT

14 FEB 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 February 2004 (26.02.2004)

PCT

(10) International Publication Number
WO 2004/016098 A1

(51) International Patent Classification⁷: **A23K 1/10**

(21) International Application Number:
PCT/DK2003/000535

(22) International Filing Date: 12 August 2003 (12.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2002 01207 14 August 2002 (14.08.2002) DK
PA 2003 00762 20 May 2003 (20.05.2003) DK

(71) Applicants (for all designated States except US):
NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880
Bagsværd (DK). **DENOFA AS** [NO/NO]; Øraveien 2,
Boks 1214, N-1631 Gamle Frederikstad (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PEDERSEN, Bent**,
Pili [DK/DK]; Skovbrynet 29, DK-2880 Bagsværd (DK).
STANDAL, Håkon [NO/NO]; Paaskestien 8, N-1671
Kråkerøy (NO).

(74) Common Representative: **NOVOZYMES A/S**; Patents,
Krogshøjvej 36, DK-2880 Bagsværd (DK).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FEED COMPOSITION AND METHOD OF FEEDING ANIMALS

(57) Abstract: The present invention relates to a feed composition comprising fish protein hydrolysed with a neutral and an alkaline protease. The hydrolysed fish protein may e.g. be used to replace fish meal in feed compositions to achieve a higher growth rate of the animals. The invention further relates to a method for feeding animals, e.g. fish or swine.

WO 2004/016098 A1